ELSEVIER

The Journal of Systems and Software 54 (2000) 273–274

The Journal of Systems and Software

www.elsevier.com/locate/jss

Contents Volume 54

Contents

Editor's corner (humor department): A letter from the frustrated author of a journal paper
Author unknown 1

An information retrieval system based on a user profile
P.-M. Chen and F.-C. Kuo 3

Similarity retrieval based on group bounding and angle sequence matching in shape database systems
P.W. Huang, S.K. Dai, P.L. Lin and R.T. Kuo 9

An empirical analysis of debugging performance – differences between iterative and recursive constructs
A.C. Benander, B.A. Benander and J. Sang 17

Applying meta-analytical procedures to software engineering experiments
J. Miller 29

Performance evaluation of transmission schemes for real-time traffic in a high-speed timed-token MAC network
J.K.-Y. Ng and V.C.-S. Lee 41

Perceptions of contribution in software teams
V. Rajlich, W.A. Syed and J. Martinez 61

Non-blocking distributed transaction processing system
M. Kommareddy and J. Wong 65

An assessment of systems and software engineering scholars and institutions (1995–1999)
R.L. Glass 77

Editor's corner: Software maintenance, Y2K and other software non-crises
R. L. Glass 83

Quantifying the closeness between program components and features
W. Eric Wong, S.S. Gokhale and J.R. Horgan 87

Decomposing legacy programs: a first step towards migrating to client–server platforms
G. Canfora, A. Cimitile, A. De Lucia and G.A. Di Lucca 99

Software evolution: code delta and code churn
G.A. Hall and J.C. Munson 111

The application of subjective estimates of effectiveness to controlling software inspections
K. El Emam, O. Laitenberger and T. Harbich 119

An experimental investigation of the impact of individual, program, and organizational characteristics on software maintenance effort
S. Ramanujan, R.W. Scamell, J.R. Shah 137

Locality metrics and program physical structures
K. Zhang and N. Gorla 159

Discussion to Zhang/Gorla paper 167

Editor's corner: Y2K, and believing in software practice
R.L. Glass 169

Selecting reusable stand-alone routines: a proposal and a case study
P. Di Felice and G. Fonzi 171

Software retrieval by samples using concept analysis
Y. Park 179

Modularized design for wrappers/monitors in data warehouse systems
J.-T. Horng and J. Lu 185

A multi-granularity locking-based concurrency control in object-oriented database systems
W. Jun 201

An efficient data structure for dynamic memory management
J.M. Chang and C.H. Daugherty 219

Direct execution simulation of load balancing algorithms with real workload distribution
J. Cao, G. Bennett and K. Zhang 227

Using viewpoints to derive object-oriented frameworks: a case study in the web-based education domain
M. Fontoura, S. Crespo, C.J. Lucena, P.S.C. Alencar and D.D. Cowan 239

A practical run-time technique for exploiting loop-level parallelism
T.-C. Huang and P.-H. Hsu 259